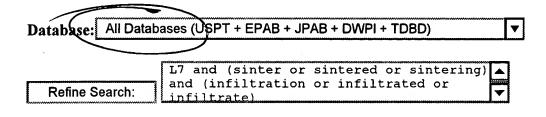


Search Results -

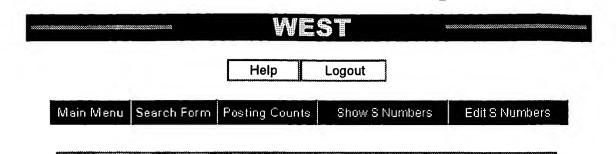
Terms	Documents
L7 and (sinter or sintered or sintering) and (infiltration or infiltrated or infiltrate)	



Search History

DB Name	<u>Query</u>	Hit Count	Set Name
ALL	L7 and (sinter or sintered or sintering) and (infiltration or infiltrated or infiltrate)	16	<u>L8</u>
ALL	L6 and conductivity and expansion and thermal	623	<u>L7</u>
ALL	L2 and heat adj sink	623	<u>L6</u>
ALL	L4 and (compacted or compact or compacting)	58	<u>L5</u>
ALL	L3 and (sinter or sintered or sintering) and (infiltration or infiltrated or infiltrate)	84	<u>L4</u>
ALL	L2 and (copper or cu) and (molybdenum or mo or tungsten or w)	1058	<u>L3</u>
ALL	L1 and conductivity and expansion and thermal	3676	<u>L2</u>
ALL	gradient or graded	175876	<u>L1</u>

WEST 1.2 Search



Search Results - Record(s) 1 through 10 of 16 returned.

1. Document ID: US 5874175 A

Entry 1 of 16

File: USPT

Feb 23, 1999

US-PAT-NO: 5874175

DOCUMENT-IDENTIFIER: US 5874175 A

TITLE: Ceramic composite

Full Title Citation Front Review Classification Date Reference Claims KMC Image

2. Document ID: US 5834840 A

Entry 2 of 16

File: USPT

Nov 10, 1998

US-PAT-NO: 5834840

DOCUMENT-IDENTIFIER: US 5834840 A

TITLE: Net-shape ceramic processing for electronic devices and packages

Full Title Citation Front Review Classification Date Reference Claims KMC Image

3. Document ID: US 5801073 A

Entry 3 of 16

File: USPT

Sep 1, 1998

US-PAT-NO: 5801073

DOCUMENT-IDENTIFIER: US 5801073 A

TITLE: Net-shape ceramic processing for electronic devices and packages

Full Title Citation Front Review Classification Date Reference Claims KMC Image

4. Document ID: US 5753574 A

Entry 4 of 16

File: USPT

May 19, 1998

US-PAT-NO: 5753574

DOCUMENT-IDENTIFIER: US 5753574 A

TITLE: Metal infiltrated ceramic electrical conductor

Full Title Citation Front Review Classification Date Reference Claims KMC Image

5. Document ID: US 5746267 A

Entry 5 of 16

File: USPT

May 5, 1998

US-PAT-NO: 5746267

DOCUMENT-IDENTIFIER: US 5746267 A

TITLE: Monolithic metal matrix composite

Full Title Citation Front Review Classification Date Reference Claims KWC Image

6. Document ID: US 5668188 A

Entry 6 of 16

File: USPT

Sep 16, 1997

US-PAT-NO: 5668188

DOCUMENT-IDENTIFIER: US 5668188 A

TITLE: Process for preparing silicon carbide foam

Full Title Citation Front Review Classification Date Reference Claims KMC Image

7. Document ID: US 5505248 A

Entry 7 of 16

File: USPT

Apr 9, 1996

US-PAT-NO: 5505248

DOCUMENT-IDENTIFIER: US 5505248 A

TITLE: Barrier materials for making metal matrix composites

Full Title Citation Front Review Classification Date Reference Claims KMC Image

8. Document ID: US 5392982 A

Entry 8 of 16

File: USPT

Feb 28, 1995

US-PAT-NO: 5392982

DOCUMENT-IDENTIFIER: US 5392982 A TITLE: Ceramic bonding method

Full Title Citation Front Review Classification Date Reference Claims KWC Image

9. Document ID: US 5259436 A

Entry 9 of 16

File: USPT

Nov 9, 1993

US-PAT-NO: 5259436

DOCUMENT-IDENTIFIER: US 5259436 A

TITLE: Fabrication of metal matrix composites by vacuum die casting

Full Title Citation Front Review Classification Date Reference Claims KMC Image

10. Document ID: US 5248079 A

Entry 10 of 16

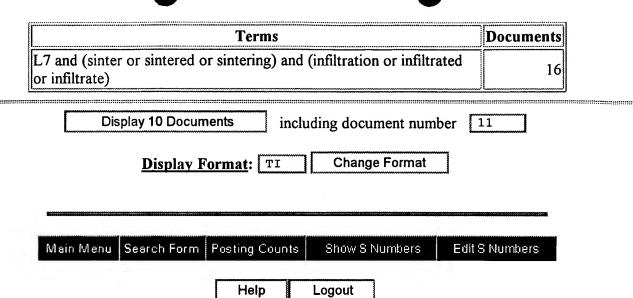
File: USPT

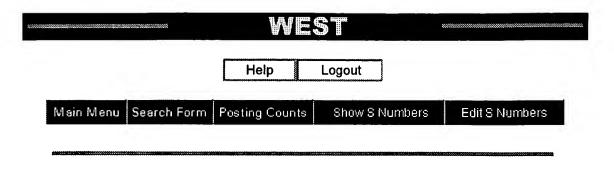
Sep 28, 1993

US-PAT-NO: 5248079

DOCUMENT-IDENTIFIER: US 5248079 A TITLE: Ceramic bonding method

Full Title Citation Front Review Classification Date Reference Claims KWIC Image





Search Results - Record(s) 11 through 16 of 16 returned.

11. Document ID: US 5230924 A

Entry 11 of 16

File: USPT

Jul 27, 1993

US-PAT-NO: 5230924

DOCUMENT-IDENTIFIER: US 5230924 A

TITLE: Metallized coatings on ceramics for high-temperature uses

Full Title Citation Front Review Classification Date Reference Claims KWC Image

12. Document ID: US 5127072 A

Entry 12 of 16

File: USPT

Jun 30, 1992

US-PAT-NO: 5127072

DOCUMENT-IDENTIFIER: US 5127072 A

TITLE: Laser module with compliant optical fiber coupling

Full Title Citation Front Review Classification Date Reference Claims KMC Image

13. Document ID: US 4954170 A

Entry 13 of 16

File: USPT

Sep 4, 1990

US-PAT-NO: 4954170

DOCUMENT-IDENTIFIER: US 4954170 A

TITLE: Methods of making high performance compacts and products

Full Title Citation Front Review Classification Date Reference Claims KWC Image

14. Document ID: US 4909841 A

Entry 14 of 16

File: USPT

Mar 20, 1990

US-PAT-NO: 4909841

DOCUMENT-IDENTIFIER: US 4909841 A

TITLE: Method of making dimensionally reproducible compacts

Full Title Citation Front Review Classification Date Reference Claims KWC Image

15. Document ID: US 4647546 A

Entry 15 of 16

File: USPT

Mar 3, 1987

US-PAT-NO: 4647546

DOCUMENT-IDENTIFIER: US 4647546 A

TITLE: Polycrystalline cubic boron nitride compact



16. Document ID: US 3852099 A

Entry 16 of 16

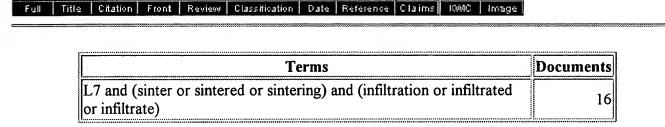
File: USPT

Dec 3, 1974

US-PAT-NO: 3852099

DOCUMENT-IDENTIFIER: US 3852099 A

TITLE: DENSE SILICON CARBIDE CERAMIC AND METHOD OF MAKING SAME



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including document number

16

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	Туре	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	4446	(428/547 or 428/550 or 428/553 or 428/555 or 428/567 or 428/569 or 428/577 or 428/610 or 428/613 or 428/618 or 428/620 or 428/637 or 428/649 or 428/656 or 428/656 or 428/634).ccls.	USPAT	2000/04/08 21:43
2	BRS	L2	286	1 and (gradient or graded)	USPAT	2000/04/08 21:44
3	BRS	L3	111	2 and (copper or cu) and (molybdenum or mo or tungsten or w)	USPAT	2000/04/08 21:45
4	BRS	L5	22	3 and conductivity and expansion	USPAT	2000/04/08 22:14
5	BRS	L 6	3857	(419/6 or 419/7 or 419/8 or 419/9 or 419/10 or 419/27 or 419/38 or 419/66 or 75/245 or 75/249 or 75/255).ccls.	USPAT	2000/04/08 22:17
6	BRS	L7	922	6 and (cu or copper) and (molybdenum or mo or tungsten or w)	USPAT	2000/04/08 22:17
7	BRS	L9	9	7 and conductivity and expansion and (gradient or graded)	USPAT	2000/04/08 22:25
8	BRS	L10	2327	(228/246 or 257/720 or 257/796 or 361/679 or 361/704 or 361/705 or 361/707 or 361/708 or 361/709 or 361/719).ccls.	コーピーレハード	2000/04/08 22:27
9	BRS	L11	359	10 and conductivity and expansion	USPAT	2000/04/08 22:28
10	BRS	L13	13	11 and (graded or gradient)	USPAT	2000/04/08 22:40

EAST Text Search

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3		<i>'</i>	0
4			0
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	บ	1	Document	ID	Issue Date	Pages
1			US 6037066	Α	20000314	19
2			US 5780164	A	19980714	14
3			us 5763093	A	19980609	8
4			US 5707715	A	19980113	29
5			US 5705283	Α	19980106	8
6			US 5672435	Α	19970930	12
7			US 5629097	A	19970513	15

EAST Text Search

,	Title	Current OR	Current XRef
1	Functionally gradient material and method for producing the same	428/610	257/675 ; 257/677 ; 257/703 ; 361/708 ; 361/709 ; 428/212 ; 428/469 ; 428/472
2	Computer disk substrate, the process for making same, and the material made therefrom	428/539.5	428/548 ; 428/551 ; 428/552 ; 428/553 ; 428/554 ; 501/87 ; 501/93
3	Aluminum nitride body having graded metallurgy	428/469	428/457 ; 428/472 ; 428/547 ; 428/548 ; 428/552 ; 428/698 ; 428/901
4	Metal ceramic composites with improved interfacial properties and methods to make such composites	428/210	428/209 ; 428/433 ; 428/539.5 ; 428/615 ; 428/620 ; 428/901
5	Tungsten-copper composite material with rhenium protective layer, and its preparation	428/610	427/250 ; 427/255.7 ; 427/405 ; 427/576 ; 427/585 ; 428/655 ; 428/665 ; 428/936
6	Hard disk drive components and methods of making same	428/539.5	428/548 ; 428/551 ; 428/552 ; 428/553 ; 428/554 ; 501/87 ; 501/93 ; 501/96.3
7	Apparatus for fabricating semiconductor lasers	428/594	225/93 ; 428/620 ; 428/636

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	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Kuwabara, Mitsuo	⊠						
2		Pyzik, Aleksander J. , et al.	×						
3		Casey, Jon Alfred , et al.	×						
4		deRochemont, L. Pierre , et al.	×						
5		Upadhya, Kamleshwar	⊠						
6		Born, David W. , et al.	⊠						
7		McCann, Patrick J.	⊠						

	บ	1	Documen	t ID	Issue	Date	Pages
8			US 559706	4 A	1997012	28	28
Ŋ			US 558067	0 A	1996120)3	5
10			US 557272	5 A	1996110)5	10
11			US 555210	7 A	1996090)3	9
12			US 555223	2 A	1996090)3	8
13			US 529833	7 A	1994032	29	10
14			US 520998	7 A	1993051	.1	28

'		Title	Current OR	Current XRef
	8	Electric contact materials, production methods thereof and electric contacts used these	200/269	200/268 ; 427/562 ; 427/564 ; 427/566 ; 428/627 ; 428/660 ; 428/663 ; 428/664 ; 428/665 ; 428/666
	9	Heavily thermally stressable component	428/666	428/610 ; 428/663 ; 428/665 ; 428/673 ; 428/675 ; 428/684
	10	Epitaxially strengthened single crystal aluminum garnet reinforcement fibers	428/555	428/373 ; 428/375 ; 428/392 ; 428/400 ; 428/404 ; 428/548 ; 428/552 ; 428/557 ; 428/567 ; 428/610 ; 428/615
	11	Aluminum nitride body having graded metallurgy	419/13	428/547 ; 428/548 ; 428/552 ; 428/698
	12	Aluminum nitride body having graded metallurgy	428/547	428/548 ; 428/552 ; 428/698
	13	Perforated plates for cryogenic regenerators and method of fabrication	428/566	29/890.034 ; 428/569
	14	Wire and cable	428/610	428/457 ; 428/623 ; 428/629 ; 428/632 ; 428/661 ; 428/674 ; 439/887

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
8		Ozaki, Masanori , et al.	×						
9		Grill, Robert , et al.	×						
10		Morris, Robert C. , et al.	⊠						
11		Casey, Jon A. , et al.	⊠						
12		Casey, Jon A. , et al.	⊠						
13		Hendricks, John B.	☒						
14		Penneck, Richard J. , et al.	⊠						

	υ	1	D	ocument	ID	Issue Date	Pages
15		×	us	5126102	A	19920630	23
16			us	4985313	A	19910115	28
17			US	4704338	A	19871103	6
18			US	4455354	Ά	19840619	19
19			US	4409296	A	19831011	11
20			US	4075364	Α	19780221	8
21			US	3920412	Α	19751118	6
22			US	3857682	А	19741231	9

	Title	Current OR	Current XRef
15	Fabricating method of composite material	419/2	419/27 ; 419/28 ; 419/49 ; 428/547 ; 428/550 ; 428/610
16	Wire and cable	428/627	428/629 ; 428/632 ; 428/661 ; 428/674 ; 439/887
17	Steel bonded dense silicon nitride compositions and method for their	428/627	428/679 ; 428/680
18	fabrication Dimensionally-controlled cobalt-containing precision molded metal article	428/568	419/17 ; 419/27 ; 428/567
19	Rapidly cast alloy strip having dissimilar portions	428/610	428/678 ; 428/681 ; 428/685 ; 428/925
20	Porous ceramic seals and method of making same	427/447	228/120 ; 228/122.1 ; 29/423 ; 29/458 ; 29/889.71 ; 427/450 ; 427/452 ; 427/453 ; 427/454 ; 427/455 ; 427/456 ; 428/610 ; 428/621
21	Hard-surfaced castings and method of producing the same	428/627	428/652 ; 428/654 ; 428/656
22	HIGH TEMPERATURE RESISTIVE AND DRY LUBRICATED FILM SURFACES	428/610	204/192.15 ; 418/178 ; 428/623 ; 428/627 ; 428/629 ; 428/651 ; 428/652 ; 428/926

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
15		Takahashi, Masashi , et al.	×						
16		Penneck, Richard J. , et al.	⊠						
17		Landingham, Richard L., et al.	⊠						
18		Dillon, Kenneth R. , et al.	Ø						
19		Ward, Brian L.	⊠						
20		Panzera, Carlino	\boxtimes						
21		Jones, Charles	⊠						
22		White, Gerald W.	×						

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	บ	1	E	ocument	ID	Issue Date	Pages		
1			US	5689797	A	19971118	11		
2			US	5509189	A	19960423	20		
3			US	5342572	A	19940830	16		
4			US	5340533	A	19940823	14		
5			US	5126102	Α	19920630	23		
6			US	5056209	Α	19911015	19		

EAST Jost Search

	Title	Current OR	Current XRef
1	Structure and method for compaction of powder-like materials	419/38	148/108 ; 29/419.2 ; 419/49 ; 419/66
2	Method for making an electrochemical cell	29/623.1	117/103 ; 117/108 ; 117/940 ; 117/947 ; 216/94 ; 264/109 ; 419/10 ; 419/15 ; 427/115 ; 427/126.3 ; 427/126.5 ; 427/248.1 ; 427/77
3	Combustion synthesis process utilizing an ignitable primer which is ignited after application of pressure	419/45	419/38 ; 419/48 ; 419/63
4	Combustion synthesis process utilizing an ignitable primer which is ignited after application of pressure	419/45	419/38 ; 419/48 ; 419/63
5	Fabricating method of composite material	419/2	419/27 ; 419/28 ; 419/49 ; 428/547 ; 428/550 ; 428/610
6	Process for manufacturing clad metal tubing	29/517	138/143 ; 29/521 ; 29/890.036 ; 29/890.053 ; 29/890.054 ; 419/6 ; 419/8

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Chelluri, Bhanumathi , et al.	⊠						
2		Tuller, Harry L., et al.	\boxtimes						
3		Stangle, Gregory C. , et al.	⊠						
4		Stangle, Gregory C. , et al.	⊠						
5		Takahashi, Masashi , et al.	×						
6		Ohashi, Yoshihisa , et al.	⊠						

	ָט	1	Document	TD	Taria Date	P==00
ļ	"		Document		Issue Date	Pages
7			US 4954170	Α	19900904	14
8			US 4909841	A	19900320	9

	Title	Current OR	Current XRef
7	Methods of making high performance compacts and products	75/229	419/11 ; 419/12 ; 419/13 ; 419/14 ; 419/15 ; 419/16 ; 419/17 ; 419/19 ; 419/21 ; 419/23 ; 419/24 ; 75/232 ; 75/233 ; 75/234 ; 75/236 ; 75/237 ; 75/238 ; 75/240 ; 75/241 ; 75/241 ; 75/243 ; 75/245 ; 75/245 ; 75/248 ; 75/248 ; 75/249
8	Method of making dimensionally reproducible compacts	75/233	419/11 ; 419/12 ; 419/13 ; 419/15 ; 419/17 ; 419/18 ; 419/21 ; 419/23 ; 419/25 ; 419/33 ; 75/232 ; 75/234 ; 75/235 ; 75/236 ; 75/237 ; 75/238 ; 75/240 ; 75/241 ; 75/243 ; 75/243 ; 75/243 ; 75/243 ; 75/243 ; 75/244 ; 75/247 ; 75/249

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
7		Fey, Maurice G., et al.	\boxtimes						
8		Iyer, Natraj C. , et al.	\boxtimes						

	บ	1	Document 1	ID	Issue Date	Pages
9			US 4455354	A	19840619	19

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	Title	Current OR	Current XRef
9	Dimensionally-controlled cobalt-containing precision molded metal article	428/568	419/17 ; 419/27 ; 428/567

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
9		Dillon, Kenneth R. , et al.	☒						С



	U	1	Г	ocument	ID	Issue Date	Pages
1			US	6037066	A	20000314	19
2			US	5834840	A	19981110	45
3			US	5673177	A	19970930	15
4			US	5642779	A	19970701	8
5			US	5625229	A	19970429	32
6			US	5606487	Α	19970225	19
7			US	5324987	A	19940628	5
8			US	5150748	Α	19920929	12
9			US	5122925	A	19920616	10
10			US	4970575	A	19901113	15

EAST Feat Search

	Title	Current OR	Current XRe
1	Functionally gradient material and method for producing the same	428/610	257/675 ; 257/677 ; 257/703 ; 361/708 ; 361/709 ; 428/212 ; 428/469 ; 428/472
2	Net-shape ceramic processing for electronic devices and packages	257/705	257/706 ; 257/712 ; 257/713 ; 257/717 ; 257/720
3	Heat sink structure with corrugated wound wire heat conductive elements	361/704	165/185 ; 165/80.3 ; 174/16.3 ; 257/707 ; 257/713 ; 29/890.03 ; 361/690 ; 361/707
4	Heat sink and a process for the production of the same	165/185	165/80.3 ; 361/704
5	Heat sink fin assembly for cooling an LSI package	257/712	257/722 ; 361/697 ; 361/709 ; 361/717
6	Electronic device for offsetting adverse effects of a plurality of chips which repetitively produce large pulses of heat	361/707	257/717 ; 257/748 ; 361/719
7	Electronic apparatus with	257/701	257/705 ; 257/707 ; 257/720
8	Advanced survivable radiator	165/41	165/181 ; 165/185 ; 165/904 ; 244/158R ; 244/163 ; 361/690 ; 361/704 ; 361/708
9	Package for electronic components	361/704	361/730 ; 361/736
10	Semiconductor device	257/786	257/688 ; 361/689 ; 361/704

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Kuwabara, Mitsuo	\boxtimes						
2		Robbins, William L. , et al.	⊠						
3		Brodsky, William Louis , et al.	⊠						
4		Yamamoto, Yoshiyuki , et al.	Ø						
5		Kojima, Masayasu , et al.	☒						
6		Yasukawa, Akio , et al.	Ø						
7		Iacovangelo, Charles D., et al.	⊠						
8		Blackmon, James B. , et al.	⊠						
9		Inpyn, Carl A.	☒						
10		Soga, Tasao , et al.	☒						

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	U	1	Document	ID	Issue Date	Pages
11			US 4788627	A	19881129	6
12			US 4706164	Α	19871110	9
13			US 3984861	A	19761005	7

	Title	Current OR	Current XRef		
11	Heat sink device using composite metal alloy	361/717	174/16.3 ; 257/712 ; 257/747 ; 361/704		
12	Printed circuit card with heat exchanger and method for making such a	361/701	361/719		
13	Transcallent semiconductor device	257/715	165/80.4 ; 174/52.3 ; 257/720 ; 257/747		

	Retrieval Classif	Inventor	S	С	P	2	3	4	5
11		Ehlert, Michael R. , et al.	⊠						
12		L'Henaff, Patrick , et al.	☒						
13		Kessler, Jr., Sebastian William	⊠						